



Home IP Services PATENTSCOPE® Patent Search



Search result: 1 of 1

## (WO/1996/020216) FIBRONECTIN ADHESION INHIBITORS

Biblio. Data Description Claims National Phase Notices Documents

Latest bibliographic data on file with the International Bureau



Pub. No.: WO/1996/020216 International Application No.: PCT/GB1995/002992

Publication Date: 04.07.1996 International Filing Date: 21.12.1995

Chapter 2 Demand Filed: 28.06.1996

IPC: C07K 14/78 (2006.01), A61K 38/00 (2006.01)

Applicants: ZENECA LIMITED [GB/GB]; 15 Stanhope Gate, London W1Y 6LN (GB) (*All Except US*).  
DUTTA, Anand, Swaroop [GB/GB]; (GB) (*US Only*).

Inventor: DUTTA, Anand, Swaroop; (GB).

Agent: BRYANT, Tracey; Zeneca Pharmaceuticals, Intellectual Property Dept., Mereside, Alderley Park, Macclesfield, Cheshire SK10 4TG (GB).

Priority Data: 9426254.0 24.12.1994 GB  
9505905.1 23.03.1995 GB  
9513904.4 07.07.1995 GB

Title: FIBRONECTIN ADHESION INHIBITORS

**Abstract:** Cyclic peptides of formula (1) wherein: AA1 is an L or D amino acid selected from Ile and Leu or amino acid analogue thereof; AA2 is an L amino acid selected from Leu or amino acid analogue thereof; AA3 is an L amino acid selected from Asp or amino acid analogue thereof containing a carboxyl group in its side chain; AA4 is an L amino acid selected from Val or amino acid analogue thereof and; LINKER represents a linking moiety for linking N terminus of AA1 to C terminus of AA4 to form a cyclic peptide containing a heterocyclic ring having 17 to 30 members. The cyclic peptides inhibit the interaction of vascular cell adhesion molecule-1 and fibronectin with integrin very late antigen 4 and have therapeutic applications such as in rheumatoid arthritis or multiple sclerosis.

**Designated States:** AL, AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TT, UA, UG, US, UZ, VN.  
African Regional Intellectual Property Org. (ARIPO) (KE, LS, MW, SD, SZ, UG)  
European Patent Office (EPO) (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE)  
African Intellectual Property Organization (OAPI) (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).

Publication Language: English (EN)

Filing Language: English (EN)